

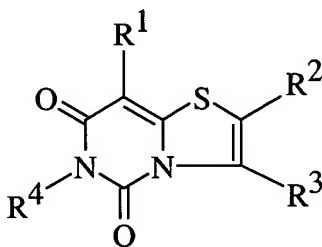
## AMENDMENT TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of claims:

**Claims 1 and 2 (canceled).**

**Claim 3 (currently amended).** A compound of Formula III



III

or a pharmaceutically acceptable salt thereof;

wherein:

$R^1$  is H,  $(O)_n C_1-C_6$  alkyl,  $(O)_n$  substituted  $C_1-C_6$  alkyl,  $NO_2$ ,  $NR^5 R^6$ ,  
CHO, or halo;

$R^2$ ,  $R^3$ , and  $R^4$  independently are hydrogen, halo,  $C_1-C_6$  alkyl,  
substituted  $C_1-C_6$  alkyl,  $C_2-C_6$  alkenyl, substituted  
 $C_2-C_6$  alkenyl,  $C_2-C_{10}$  alkynyl, substituted  $C_2-C_{10}$  alkynyl,  
 $(CH_2)_m OH$ ,  $(CH_2)_m OR^5$ ,  $(CH_2)_m$  cycloalkyl,  $(CH_2)_m$   
substituted cycloalkyl,  $CHOH (CH_2)_m$  aryl,  $CHOH (CH_2)_m$   
substituted aryl,  $CHOH (CH_2)_m$  heteroaryl,  $CHOH (CH_2)_m$   
substituted heteroaryl,  $(CO_2)_n (CH_2)_m$  aryl,  $(CO_2)_n (CH_2)_m$   
substituted aryl,  $(CO_2)_n (CH_2)_m$  heteroaryl,  $(CO_2)_n (CH_2)_m$   
substituted heteroaryl,  $(CO_2)_n (CH_2)_m$  carbocycle,  $(CO_2)_n (CH_2)_m$   
substituted carbocycle,  $(CO_2)_n (CH_2)_m$  heterocycle,

$(\text{CO}_2)_n(\text{CH}_2)_m$ -substituted heterocycle,  $(\text{CO}_2)_n(\text{CH}_2)_m \text{NR}^5\text{R}^6$ ,  
 $(\text{CH}_2)_m \text{S}(\text{O})_{0-2}(\text{CH}_2)_n$ -aryl,  $\text{CH}(\text{C}_1\text{-C}_6\text{-alkyl})$ -aryl,  
 $(\text{CH}_2)_m \text{N}(\text{H})\text{C}(=\text{O})$ -aryl,  $(\text{CH}_2)_m \text{S}(\text{O})_{0-2}(\text{CH}_2)_n$ -substituted  
 aryl,  $\text{CH}(\text{C}_1\text{-C}_6\text{-alkyl})$ -substituted aryl,  $(\text{CH}_2)_m \text{N}(\text{H})\text{C}(=\text{O})$ -  
 substituted aryl,  
 $\text{C}(=\text{O})\text{N}(\text{R}^5)(\text{CH}_2)_m$ -aryl,  $\text{C}(=\text{O})\text{N}(\text{R}^5)(\text{CH}_2)_m$ -substituted aryl,  
 $\text{C}(=\text{O})\text{N}(\text{R}^5)(\text{CH}_2)_m$ -heteroaryl,  $\text{C}(=\text{O})\text{N}(\text{R}^5)(\text{CH}_2)_m$ -substituted  
 heteroaryl,  $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -aryl,  $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -substituted aryl,  
 $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -heteroaryl,  $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -substituted heteroaryl,  
 $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -carbocycle,  $\text{C}\equiv\text{C}(\text{CH}_2)_m$ -substituted carbocycle,  $(\text{CH}_2)_m$ -  
 O-aryl,  $(\text{CH}_2)_m$ -O-substituted aryl,  $(\text{CH}_2)_m \text{COR}^5$ ,  $(\text{CH}_2)_m \text{CONR}^5\text{R}^6$ ,  
 $\text{NH}$   
 $\parallel$   
 $(\text{CH}_2)_m \text{CNR}^5\text{R}^6$ ,  
 $\text{S}$   
 $\parallel$   
 $(\text{CH}_2)_m \text{CNR}^5\text{R}^6$ , or  $(\text{CH}_2)_m \text{CO}_2\text{R}^5$ ;

$m$  is an integer from 0 to 6;

$\text{R}^5$  and  $\text{R}^6$  independently are hydrogen,  $\text{C}_1\text{-C}_6$  alkyl, substituted

$\text{C}_1\text{-C}_6$  alkyl,  $(\text{CH}_2)_m$  aryl,  $(\text{CH}_2)_m$  substituted aryl,  $(\text{CH}_2)_m$

heteroaryl,  $(\text{CH}_2)_m$  substituted heteroaryl, or  $\text{R}^5$  and  $\text{R}^6$  are taken

together with the nitrogen atom to which they are attached

complete a 3- to 7-membered ring containing carbon atoms, the

nitrogen atom bearing  $\text{R}^5$  and  $\text{R}^6$ , and optionally 1 or 2

heteroatoms independently selected from O, S, and  $\text{NR}^2$ ; wherein

$\text{R}^2$  is as defined above; and

~~n is 0 or 1; with the proviso that R<sup>2</sup> and R<sup>4</sup> are not both selected from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl~~

R<sup>2</sup> is CO<sub>2</sub>CH<sub>2</sub> aryl, CO<sub>2</sub>CH<sub>2</sub> heteroaryl, CONHCH<sub>2</sub> aryl, or CONHCH<sub>2</sub> heteroaryl, wherein the aryl and heteroaryl groups are unsubstituted or substituted,

R<sup>3</sup> is H, and

R<sup>4</sup> is CH<sub>2</sub> aryl, CH<sub>2</sub> substituted aryl, CH<sub>2</sub> heteroaryl, or CH<sub>2</sub> substituted heteroaryl;

wherein substituted C<sub>1</sub>-C<sub>6</sub> alkyl is a straight or branched hydrocarbon chain of from 1 to 6 carbon atoms, wherein the chain is substituted with from 1 to 3 groups selected from the group consisting of NR<sup>4</sup>R<sup>5</sup>, phenyl, substituted phenyl, heteroaryl, substituted heteroaryl, heterocycle, thio C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, hydroxy, carboxy, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, halo, nitrile, cycloalkyl, a 5- and 6-membered carbocyclic ring, and a heterocyclic ring having 1 or 2 heteroatoms selected from the group consisting of nitrogen, substituted nitrogen, oxygen, and sulfur;

NR<sup>4</sup>R<sup>5</sup> is amino, methylamino, di-isopropylamino, acetyl amino, propionyl amino, 3-aminopropyl amino, 3-ethylaminobutyl amino, 3-di-n-propylamino-propyl amino, 4-diethylaminobutyl amino, and 3-carboxypropionyl amino; or R<sup>4</sup> and R<sup>5</sup> can be taken together with the nitrogen to which they are attached to form a ring having 3 to 7 carbon atoms and 1, 2, or 3 heteroatoms selected from the group consisting of nitrogen, substituted nitrogen, oxygen, and sulfur;

substituted aryl is phenyl or naphthyl substituted by 1, 2, or 3 groups independently selected from the group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub>

alkyl)sulfonyl, halo, hydroxy, (CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl,  
trifluoromethoxy, nitro, amino of the formula -NR<sup>4</sup>R<sup>5</sup>,  
C(=O)NR<sup>5</sup>R<sup>6</sup>, N(R<sup>4</sup>)C(=O)OR<sup>5</sup>, T(CH<sub>2</sub>)<sub>m</sub>QR<sup>4</sup>, and  
T(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>4</sup>, wherein m is 1 to 6, T is O, S, NR<sup>4</sup>, N(O)R<sup>4</sup>,  
NR<sup>4</sup>R<sup>6</sup>Y, or CR<sup>4</sup>R<sup>5</sup>, Q is O, S, NR<sup>5</sup>, N(O)R<sup>5</sup>, or NR<sup>5</sup>R<sup>6</sup>Y,  
wherein R<sup>4</sup>-R<sup>6</sup> are as described above, and R<sup>7</sup> is methyl,  
trichloroethyl, diphenylmethyl;  
substituted heteroaryl is a thienyl, furanyl, pyrrolyl, isoxazolyl,  
isothiazolyl, imidazolyl, pyrazolyl, oxazolyl, thiazolyl, 1,2,4-  
oxadiazolyl, 1,2,4-thiadiazolyl, 1,2,4-triazolyl, tetrazolyl,  
benzofuranyl, benzothienyl, indolyl, benzimidazolyl, benztriazolyl,  
benzoxazolyl, benzthiazolyl, pyridinyl, pyrimidinyl, quinolinyl,  
isoquinolinyl, or 2-oxo-2H-1-benzopyranyl that is substituted on a  
carbon atom by 1, 2, or 3 groups independently selected from the  
group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl,  
(C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, halo, hydroxy,  
(CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl, trifluoromethoxy, nitro, amino  
of the formula -NR<sup>4</sup>R<sup>5</sup>, C(=O)NR<sup>5</sup>R<sup>6</sup>, N(R<sup>4</sup>)C(=O)OR<sup>5</sup>,  
T(CH<sub>2</sub>)<sub>m</sub>QR<sup>4</sup>, and T(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>4</sup>, wherein m is 1 to 6, T is O,  
S, NR<sup>4</sup>, N(O)R<sup>4</sup>, NR<sup>4</sup>R<sup>6</sup>Y, or CR<sup>4</sup>R<sup>5</sup>, Q is O, S, NR<sup>5</sup>, N(O)R<sup>5</sup>,  
or NR<sup>5</sup>R<sup>6</sup>Y, wherein R<sup>4</sup>-R<sup>6</sup> are as described above, and R<sup>7</sup> is  
methyl, trichloroethyl, diphenylmethyl and optionally further  
substituted on a ring nitrogen atom with (C<sub>1</sub>-C<sub>6</sub> alkyl) C(=O),  
C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, or benzyl.

**Claim 4 (currently amended).** The compound according to ~~Claim 1 of~~  
~~Formula III~~ Claim 3, or a pharmaceutically acceptable salt thereof,  
 selected from the group consisting of:

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid benzylamide;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid 4-methoxy-benzylamide.  
6-Benzyl-2-(3-phenyl-propionyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid prop-2-ynylamide;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (piperidin-4-ylmethyl)-amide hydrochloride;  
6-Benzyl-2-(1-hydroxy-3-phenyl-allyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-Benzyl-2-(1-hydroxy-3-phenyl-prop-2-ynyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-Benzyl-2-(hydroxy-phenyl-methyl)-thiazolo[3,2-c]pyrimidine-5,7-dione; and  
6-Benzyl-2-(1-hydroxy-3-phenyl-propyl)-thiazolo[3,2-c]pyrimidine-5,7-dione.

**Claims 5 to 9 (canceled).**

**Claim 10 (currently amended).** A compound, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

~~6-Benzyl-8-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;~~  
~~6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;~~  
~~6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid benzylamide;~~

~~6-Benzyl 1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~

~~6-Benzyl 1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~

~~6-(4-Methoxy-benzyl)-1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~

~~6-(4-Methoxy-benzyl)-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;~~

6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester 2,3-Dihydroxypropionic acid benzyl ester;

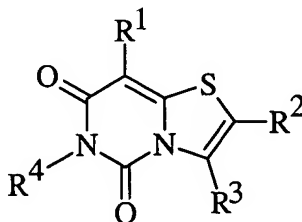
6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester hydrochloride;  
and

6-Benzyl-1,5,7-trioxo-1,2,3,5,6,7-hexahydro-1<sup>H</sup>-thiazolo[3,2-c]pyrimidine-3-carboxylic acid benzyl ester;

~~6-Benzyl 1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo-[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester; and~~

~~6-Benzyl 3-ethoxy-2,3-dihydro-oxazolo[3,2-c]pyrimidine-5,7-dione.~~

**Claim 11 (currently amended).** The compound according to Claim 1 A compound of Formula VIII



VIII

or a pharmaceutically acceptable salt thereof, wherein:

$R^1$  is H,  $CH_3$ ,  $CH_2OH$ , or CHO

$R^2$  is  $(CO_2)(CH_2)_m$  aryl,  $(CO_2)(CH_2)_m$  substituted aryl,  $(CO_2)(CH_2)_m$  heteroaryl,  $(CO_2)(CH_2)_m$  substituted heteroaryl,  $C(=O)N(R^5)-(CH_2)_m$ -aryl,  $C(=O)N(R^5)-(CH_2)_m$  substituted aryl,  $C(=O)N(R^5)-(CH_2)_m$  heteroaryl,  $C(=O)N(R^5)-(CH_2)_m$  substituted heteroaryl,  $C\equiv C-(CH_2)_m$  aryl,  $C\equiv C-(CH_2)_m$  substituted aryl,  $C\equiv C-(CH_2)_m$  heteroaryl, or  $C\equiv C-(CH_2)_m$  substituted heteroaryl, wherein  $R^5$  is hydrogen or methyl;

$R^3$  is hydrogen or fluoro;

$R^4$  is  $C_2$ - $C_6$  alkenyl, substituted  $C_2$ - $C_6$  alkenyl,  $C_1$ - $C_6$  alkyl, substituted  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_{10}$  alkenyl, substituted  $C_2$ - $C_{10}$  alkynyl,  $(CH_2)_mCOR^5$ ,  $(CH_2)_mS(O)_{0-2}-(CH_2)_n$  aryl,  $C(=O)N(R^5)-(CH_2)_m$  aryl,  $(CH_2)_m$ -O-aryl,  $(CH_2)_mS(O)_{0-2}-(CH_2)_n$  substituted aryl,  $C(=O)N(R^5)-(CH_2)_m$  substituted aryl,  $(CH_2)_m$ -O-substituted aryl,  $(CO_2)_n(CH_2)_m$  aryl,  $(CO_2)_n(CH_2)_m$  substituted aryl,  $(CO_2)_n(CH_2)_m$  heteroaryl,  $(CO_2)_n(CH_2)_m$  substituted heteroaryl,  $(CO_2)_n(CH_2)_m$  carbocycle, or  $(CO_2)_n(CH_2)_m$  substituted carbocycle, wherein

$n$  is 0 or 1;

$m$  is an integer of from 0 to 6; and

$R^5$  is hydrogen,  $C_1$ - $C_6$  alkyl, substituted  $C_1$ - $C_6$  alkyl,  $(CH_2)_m$  aryl,  $(CH_2)_m$  substituted aryl,  $(CH_2)_m$  heteroaryl, or  $(CH_2)_m$  substituted heteroaryl;

wherein substituted  $C_1$ - $C_6$  alkyl is a straight or branched hydrocarbon chain of from 1 to 6 carbon atoms, wherein the chain is substituted with from 1 to 3 groups selected from the group consisting of

NR<sup>4</sup>R<sup>5</sup>, phenyl, substituted phenyl, heteroaryl, substituted heteroaryl, heterocycle, thio C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, hydroxy, carboxy, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, halo, nitrile, cycloalkyl, a 5- and 6-membered carbocyclic ring, and a heterocyclic ring having 1 or 2 heteroatoms selected from the group consisting of nitrogen, substituted nitrogen, oxygen, and sulfur;

NR<sup>4</sup>R<sup>5</sup> is amino, methylamino, di-isopropylamino, acetyl amino, propionyl amino, 3-aminopropyl amino, 3-ethylaminobutyl amino, 3-di-n-propylamino-propyl amino, 4-diethylaminobutyl amino, and 3-carboxypropionyl amino; or R<sup>4</sup> and R<sup>5</sup> can be taken together with the nitrogen to which they are attached to form a ring having 3 to 7 carbon atoms and 1, 2, or 3 heteroatoms selected from the group consisting of nitrogen, substituted nitrogen, oxygen, and sulfur;

substituted aryl is phenyl or naphthyl substituted by 1, 2, or 3 groups independently selected from the group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, halo, hydroxy, (CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl, trifluoromethoxy, nitro, amino of the formula -NR<sup>4</sup>R<sup>5</sup>, C(=O)NR<sup>5</sup>R<sup>6</sup>, N(R<sup>4</sup>)C(=O)OR<sup>5</sup>, T(CH<sub>2</sub>)<sub>m</sub>QR<sup>4</sup>, and T(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>4</sup>, wherein m is 1 to 6, T is O, S, NR<sup>4</sup>, N(O)R<sup>4</sup>, NR<sup>4</sup>R<sup>6</sup>Y, or CR<sup>4</sup>R<sup>5</sup>, Q is O, S, NR<sup>5</sup>, N(O)R<sup>5</sup>, or NR<sup>5</sup>R<sup>6</sup>Y, wherein R<sup>4</sup>-R<sup>6</sup> are as described above, and R<sup>7</sup> is methyl, trichloroethyl, diphenylmethyl;

substituted heteroaryl is a thienyl, furanyl, pyrrolyl, isoxazolyl, isothiazolyl, imidazolyl, pyrazolyl, oxazolyl, thiazolyl, 1,2,4-oxadiazolyl, 1,2,4-thiadiazolyl, 1,2,4-triazolyl, tetrazolyl, benzofuranyl, benzothienyl, indolyl, benzimidazolyl, benztriazolyl,



benzoxazolyl, benzthiazolyl, pyridinyl, pyrimidinyl, quinolinyl, isoquinolinyl, or 2-oxo-2H-1-benzopyranyl that is substituted on a carbon atom by 1, 2, or 3 groups independently selected from the group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, halo, hydroxy, (CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl, trifluoromethoxy, nitro, amino of the formula -NR<sup>4</sup>R<sup>5</sup>, C(=O)NR<sup>5</sup>R<sup>6</sup>, N(R<sup>4</sup>)C(=O)OR<sup>5</sup>, T(CH<sub>2</sub>)<sub>m</sub>QR<sup>4</sup>, and T(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>4</sup>, wherein m is 1 to 6, T is O, S, NR<sup>4</sup>, N(O)R<sup>4</sup>, NR<sup>4</sup>R<sup>6</sup>Y, or CR<sup>4</sup>R<sup>5</sup>, Q is O, S, NR<sup>5</sup>, N(O)R<sup>5</sup>, or NR<sup>5</sup>R<sup>6</sup>Y, wherein R<sup>4</sup>-R<sup>6</sup> are as described above, and R<sup>7</sup> is methyl, trichloroethyl, diphenylmethyl and optionally further substituted on a ring nitrogen atom with (C<sub>1</sub>-C<sub>6</sub> alkyl) C(=O), C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, or benzyl;

substituted C<sub>2</sub>-C<sub>6</sub> alkenyl is a straight or branched hydrocarbon radical group having from 2 to 6 carbon atoms and one double bond, wherein the hydrocarbon radical is substituted with from 1 to 3 groups as defined above for substituted C<sub>1</sub>-C<sub>6</sub> alkyl;

substituted C<sub>2</sub>-C<sub>10</sub> alkynyl is a straight or branched hydrocarbon radical having from 2 to 6 carbon atoms and one triple bond wherein the hydrocarbon radical is substituted with from 1 to 3 groups as defined above for substituted C<sub>1</sub>-C<sub>6</sub> alkyl;

substituted carbocycle is a cyclopropyl, cycloheptyl, cyclooctyl, cyclodecyl, cyclobutyl, adamantyl, norpinanyl, decalanyl, norbornyl, cyclohexyl, or cyclopentyl that is substituted with hydroxy or keto.

**Claim 12 (original).** The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, wherein:

$R^1$  is H or  $CH_3$ ;

$R^2$  is  $C(=O)N(R^5)-(CH_2)_m$  aryl,  $C(=O)N(R^5)-(CH_2)_m$  substituted aryl,  $C(=O)N(R^5)-(CH_2)_m$  heteroaryl,  $C(=O)N(R^5)-(CH_2)_m$  substituted heteroaryl,  $C\equiv C-(CH_2)_m$  aryl,  $C\equiv C-(CH_2)_m$  substituted aryl,  $C\equiv C-(CH_2)_m$  heteroaryl, or  $C\equiv C-(CH_2)_m$  substituted heteroaryl, wherein  $R^5$  is H or methyl;

$R^3$  is hydrogen or fluoro;

$R^4$  is  $(CO_2)_n(CH_2)_m$  aryl,  $(CO_2)_n(CH_2)_m$  substituted aryl,  $(CO_2)_n(CH_2)_m$  heteroaryl,  $(CO_2)_n(CH_2)_m$  substituted heteroaryl,  $(CO_2)_n(CH_2)_m$  carbocycle, or  $(CO_2)_n(CH_2)_m$  substituted carbocycle, wherein:

$n$  is 0 or 1, and

$m$  is an integer of from 0 to 6.

**Claim 13 (original).** The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, wherein:

$R^1$  is H or  $CH_3$ ;

$R^2$  is  $C\equiv C-(CH_2)_m$  aryl,  $C\equiv C-(CH_2)_m$  substituted aryl,  $C\equiv C-(CH_2)_m$  heteroaryl, or  $C\equiv C-(CH_2)_m$  substituted heteroaryl, wherein:

$m$  is 1;

$R_3$  is hydrogen or fluoro; and

$R_4$  is  $(CO_2)_n(CH_2)_m$  aryl,  $(CO_2)_n(CH_2)_m$  substituted aryl,  $(CO_2)_n(CH_2)_m$  heteroaryl,  $(CO_2)_n(CH_2)_m$  substituted heteroaryl,  $(CO_2)_n(CH_2)_m$  carbocycle, or  $(CO_2)_n(CH_2)_m$  substituted carbocycle, wherein

$n$  is 0 and  $m$  is 1.

**Claim 14 (original).** The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, wherein:

R<sub>1</sub> is H or CH<sub>3</sub>;

R<sub>2</sub> is C(=O)N(R<sup>5</sup>)-(CH<sub>2</sub>)<sub>m</sub>aryl, C(=O)N(R<sup>5</sup>)-(CH<sub>2</sub>)<sub>m</sub>substituted aryl, C(=O)N(R<sup>5</sup>)-(CH<sub>2</sub>)<sub>m</sub>heteroaryl, or C(=O)N(R<sup>5</sup>)-(CH<sub>2</sub>)<sub>m</sub>substituted heteroaryl,

wherein m is 1 and R<sup>5</sup> is H or CH<sub>3</sub>;

R<sup>3</sup> is hydrogen or fluoro; and

R<sup>4</sup> is (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>aryl, (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>substituted aryl, (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>heteroaryl, (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>substituted heteroaryl, (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>carbocycle, or (CO<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>substituted carbocycle, wherein

n is 0 and m is 1.

**Claim 15 (currently amended).** The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

4-{2-[3-(4-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

4-{2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

4-{2-[3-(3,4-Difluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

6-Benzyl-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

- 6-(3,4-Dichloro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-(3,4-Dichloro-benzyl)-2-[3-(2-methoxy-pyridin-4-yl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-8-methyl-2-phenylethynyl-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-(4-Bromo-benzyl)-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzenesulfonamide;
- 4-{2-[3-(3-Fluoro-4-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;
- 6-(4-Fluoro-benzyl)-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-(3,4-Dichloro-benzyl)-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-(4-Methanesulfonyl-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzonitrile;
- 4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;
- 2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(2H-tetrazol-5-yl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;  
8-Methyl-6-[4-(morpholine-4-sulfonyl)-benzyl]-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
4-[8-Methyl-5,7-dioxo-2-(4-phenyl-but-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;  
4-[8-Methyl-5,7-dioxo-2-(6-phenyl-hex-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;  
4-[8-Methyl-5,7-dioxo-2-(5-phenyl-pent-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;  
4-[8-Methyl-5,7-dioxo-2-(7-phenyl-hept-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;  
(4-{2-[3-(3,4-Difluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;  
6-(3-Fluoro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-(3,4-Difluoro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-(3-Fluoro-benzyl)-2-[3-(2-methoxy-pyridin-4-yl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
[3-(8-Methyl-5,7-dioxo-2-phenylethynyl-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl)-phenyl]-acetic acid;  
6-(4-Bromo-benzyl)-2-[3-(4-fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-N,N-dimethyl-benzenesulfonamide;

4-{2-[3-(3-Fluoro-4-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-cyclohexanecarboxylic acid;

6-(3,4-Difluoro-benzyl)-2-[3-(3,4-difluoro-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-cyclohexanecarboxylic acid;

2-Chloro-4-{2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-6-(4-methanesulfonyl-benzyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-{2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzonitrile;

(3-{2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;

(4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;

6-(3,4-Difluoro-benzyl)-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(thiomorpholine-4-carbonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

8-Methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-6-[4-(thiomorpholine-4-sulfonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

and

2-[3-(3-Methoxy-4-methyl-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2c]pyrimidine-5,7-dione.

**Claim 16 (currently amended).** The compound according to ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid biphenyl-4-ylamide;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(3,4-Dichloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(4-Chloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(4-Chloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichloro-benzylamide;

5,7-Dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 2,4-dichloro-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methyl-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;
- 6-Benzyl-8-formyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (1H-indol-5-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (thiazol-4-ylmethyl)-amide hydrochloride;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide hydrochloride;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (imidazo[2,1-b]thiazol-6-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (1-methyl-1H-pyrazol-4-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-2-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2,1,3-benzothiadiazol-5-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-difluoro-benzylamide;



- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide hydrochloride;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-4-methoxy-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-2-ylmethyl)-amide hydrochloride;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methyl-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-trifluoromethyl-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-chloro-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-trifluoromethoxy-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-thiazol-4-ylmethyl)-amide hydrochloride;
- 4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;
- 4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid Sodium salt;
- 4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester hydrochloride;
- 4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;
- 4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid Sodium salt;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester hydrochloride;

4-{8-Methyl-5,7-dioxo-2-[(pyridin-4-ylmethyl)-carbamoyl]-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid trifluoro-acetic acid salt;

4-{8-Methyl-5,7-dioxo-2-[(pyridin-4-ylmethyl)-carbamoyl]-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid 2-dimethylamino-ethyl ester dihydrochloride;

8-Methyl-6-(2-methyl-thiazol-4-ylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

2-Chloro-4-[2-(4-fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;

8-Methyl-5,7-dioxo-6-(2H-tetrazol-5-ylmethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-thiazol-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide hydrochloride;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-2-methyl-benzoic acid methyl ester;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-2-methoxy-benzoic acid methyl ester;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

8-Methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

{ 5-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-isoxazol-3-yl }-carbamic acid methyl ester;

8-Methyl-5,7-dioxo-6-[4-(2H-tetrazol-5-yl)-benzyl]-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(6-Fluoro-quinolin-2-ylmethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

2-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-5-methoxy-pyrimidine-4-carboxylic acid methyl ester;

6-But-2-ynyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(3-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-[2-(4-Chloro-benzenesulfonyl)-ethyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

8-Methyl-5,7-dioxo-6-(3-oxo-3-phenyl-propyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(1-phenyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(2-phenylmethanesulfonyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(5-Cyano-pentyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(E)-But-2-enyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(E)-pent-2-enyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-sec-Butyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzenesulfonyl-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(1-Ethyl-propyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-pent-2-ynyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzenesulfonyl-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-6-(3-methyl-but-2-enyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-[2-(4-Fluoro-benzenesulfonyl)-ethyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-[3-(4-Fluoro-phenyl)-3-oxo-propyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzoylamino-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(2-phenoxy-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(3,4-Dichloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide; and

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (tetrahydro-furan-2-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methyl-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-(4-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

6-(4-Dimethylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-3-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;

6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;

6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

6-Benzo[1,3]dioxol-5-ylmethyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methylsulfanylbenzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxybenzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(4-Pyridylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;

6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;

6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(3,4-Dichlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;  
6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;  
6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid biphenyl-4-ylamide;  
6-Benzyl-8-formyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide; and  
6-Benzyl-8-hydroxymethyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide.

**Claim 17 (currently amended).** The compound according to ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;  
4-[2-(3-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;  
4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;  
6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;  
6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid methyl ester;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid methyl ester;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;



6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;  
8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester; and  
6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester.

**Claim 18 (currently amended).** The compound according to ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

6-Benzoyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-(4-Chlorobenzyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;  
6-Pyridin-4-ylmethyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
8-Methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;  
8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid;  
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid;  
4-(8-Methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-yl-methyl)-benzoic acid tert-butyl ester; and  
8-Methyl-6-[4-(Morpholine-4-sulfonyl)benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione.

**Claim 19 (currently amended).** The compound according to ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;



6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;



6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide; and

6-(4-Isopropylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide.

**Claim 20 (currently amended).** The compound according to ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

8-Methyl-5,7-dioxo-6-(3-oxo-3-phenyl-propyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-6-(1-phenylethyl) 5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-(2-phenylmethanesulfonyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-(5-Cyano-pentyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-(E)-But-2-enyl-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-(E)-pent-2-enyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-sec-Butyl-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-6-(2-methyl-allyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-(1-Ethyl-propyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-pent-2-ynyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-(2-Benzensulfonyl-ethyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-6-(3-methyl-but-2-enyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-[2-(4-Fluoro-benzensulfonyl)-ethyl]-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

6-[3-(4-Fluoro-phenyl)-3-oxo-propyl]-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-{2-[(1-phenyl-methanoyl)-amino]-ethyl}-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-(2-phenoxy-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide; and

{5-[2-(4-Fluoro-benzylcarbonyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidine-6-ylmethyl]-isoxazol-3-yl}-carbamic acid methyl.

**Claim 21 (currently amended).** A pharmaceutical composition, comprising a compound of ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof, admixed with a pharmaceutically acceptable carrier, diluent, or excipient.

**Claims 22 to 25 (canceled).**

**Claim 26 (currently amended).** A method for treating a rheumatoid arthritis, comprising administering to a patient suffering from such a disease an

effective amount of a compound of ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof.

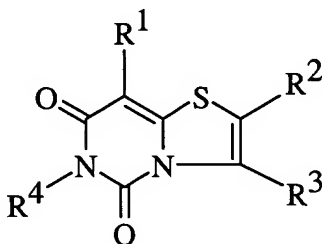
**Claim 27 (currently amended).** A method for treating a osteoarthritis, comprising administering to a patient suffering from such a disease an effective amount of a compound of ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof.

**Claim 28 (canceled).**

**Claim 29 (currently amended).** A method for treating a inflammation, comprising administering to a patient suffering from such a disease an effective amount of a compound of ~~Claim 1~~ Claim 11, or a pharmaceutically acceptable salt thereof.

**Claims 30 and 31 (canceled).**

**Claim 32 (currently amended).** A compound of Formula III



III

and the pharmaceutically acceptable salts thereof;

wherein:

~~X is O, S, SO, SO<sub>2</sub>, CH<sub>2</sub>, C=O, CHOH, NH, or NR<sup>5</sup>;~~

~~Y is O or S;~~

R<sup>1</sup> is H, C<sub>1</sub>-C<sub>6</sub> alkyl, NO<sub>2</sub>, NR<sup>5</sup>R<sup>6</sup>, CHO, or halo;

$R^2$ ,  $R^3$ , and  $R^4$  independently are hydrogen, halo,  $C_1$ - $C_6$  alkyl,

$C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $(CH_2)_m$ -OH,  $(CH_2)_m$ -OR<sup>5</sup>,  
 $(CH_2)_m$ -cycloalkyl,  $(CH_2)_m$ -aryl, CHOH  $(CH_2)_m$ -aryl, CHOH  
 $(CH_2)_m$ -substituted aryl, CHOH  $(CH_2)_m$ -heteroaryl, CHOH  
 $(CH_2)_m$ -substituted heteroaryl,  $(CO_2)(CH_2)_m$ -aryl,  $(CO_2)(CH_2)_m$   
substituted aryl,  $(CO_2)(CH_2)_m$ -heteroaryl,  $(CO_2)(CH_2)_m$   
substituted heteroaryl,  $(CO_2)(CH_2)_m$ -carbocycle,  $(CO_2)(CH_2)_m$   
heterocycle,  $(CO_2)(CH_2)_m$ -NR<sup>5</sup>R<sup>6</sup>,

NH

||

$(CH_2)_m$ -COR<sup>5</sup>,  $(CH_2)_m$ -CONR<sup>5</sup>R<sup>6</sup>,  $(CH_2)_m$ -CNR<sup>5</sup>R<sup>6</sup>,  $(CH_2)_m$

S

||

CNR<sup>5</sup>R<sup>6</sup>, or  $(CH_2)_m$ -CO<sub>2</sub>R<sup>5</sup>;

m is an integer from 0 to 6;

$R^5$  and  $R^6$  independently are hydrogen,  $C_1$ - $C_6$  alkyl,  $(CH_2)_m$  aryl,

$(CH_2)_m$  heteroaryl, or taken together with the nitrogen to which

they are attached complete a 3- to 7-membered ring; and

n is 0 or 1

$R^2$  is CO<sub>2</sub>CH<sub>2</sub> aryl, CO<sub>2</sub>CH<sub>2</sub> heteroaryl, CONHCH<sub>2</sub> aryl, or CONHCH<sub>2</sub>  
heteroaryl, wherein the aryl and heteroaryl groups are  
unsubstituted or substituted,

R<sup>3</sup> is H, and

R<sup>4</sup> is CH<sub>2</sub> aryl, CH<sub>2</sub> substituted aryl, CH<sub>2</sub> heteroaryl, or CH<sub>2</sub> substituted  
heteroaryl;

wherein:

NR<sup>4</sup>R<sup>5</sup> is amino, methylamino, di-isopropylamino, acetyl amino, propionyl amino, 3-aminopropyl amino, 3-ethylaminobutyl amino, 3-di-n-propylamino-propyl amino, 4-diethylaminobutyl amino, and 3-carboxypropionyl amino; or R<sup>4</sup> and R<sup>5</sup> can be taken together with the nitrogen to which they are attached to form a ring having 3 to 7 carbon atoms and 1, 2, or 3 heteroatoms selected from the group consisting of nitrogen, substituted nitrogen, oxygen, and sulfur;

substituted aryl is phenyl or naphthyl substituted by 1, 2, or 3 groups independently selected from the group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, halo, hydroxy, (CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl, trifluoromethoxy, nitro, amino of the formula -NR<sup>4</sup>R<sup>5</sup>, C(=O)NR<sup>5</sup>R<sup>6</sup>, N(R<sup>4</sup>)C(=O)OR<sup>5</sup>, T(CH<sub>2</sub>)<sub>m</sub>QR<sup>4</sup>, and T(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>4</sup>, wherein m is 1 to 6, T is O, S, NR<sup>4</sup>, N(O)R<sup>4</sup>, NR<sup>4</sup>R<sup>6</sup>Y, or CR<sup>4</sup>R<sup>5</sup>, Q is O, S, NR<sup>5</sup>, N(O)R<sup>5</sup>, or NR<sup>5</sup>R<sup>6</sup>Y, wherein R<sup>4</sup>-R<sup>6</sup> are as described above, and R<sup>7</sup> is methyl, trichloroethyl, diphenylmethyl;

substituted heteroaryl is a thienyl, furanyl, pyrrolyl, isoxazolyl, isothiazolyl, imidazolyl, pyrazolyl, oxazolyl, thiazolyl, 1,2,4-oxadiazolyl, 1,2,4-thiadiazolyl, 1,2,4-triazolyl, tetrazolyl, benzofuranyl, benzothienyl, indolyl, benzimidazolyl, benztriazolyl, benzoxazolyl, benzthiazolyl, pyridinyl, pyrimidinyl, quinolinyl, isoquinolinyl, or 2-oxo-2H-1-benzopyranyl that is substituted on a carbon atom by 1, 2, or 3 groups independently selected from the group consisting of alkyl, alkoxy, alkoxycarbonyl, thio, thioalkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfanyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, halo, hydroxy, (CH<sub>2</sub>)<sub>0-6</sub>CO<sub>2</sub>R<sup>7</sup>, trifluoromethyl, trifluoromethoxy, nitro, amino

of the formula  $\text{-NR}^4\text{R}^5$ ,  $\text{C(=O)NR}^5\text{R}^6$ ,  $\text{N(R}^4\text{)C(=O)OR}^5$ ,  $\text{T(CH}_2\text{)}_m\text{OR}^4$ , and  $\text{T(CH}_2\text{)}_m\text{CO}_2\text{R}^4$ , wherein  $m$  is 1 to 6,  $T$  is O, S,  $\text{NR}^4$ ,  $\text{N(O)R}^4$ ,  $\text{NR}^4\text{R}^6\text{Y}$ , or  $\text{CR}^4\text{R}^5$ ,  $Q$  is O, S,  $\text{NR}^5$ ,  $\text{N(O)R}^5$ , or  $\text{NR}^5\text{R}^6\text{Y}$ , wherein  $\text{R}^4\text{-R}^6$  are as described above, and  $\text{R}^7$  is methyl, trichloroethyl, diphenylmethyl and optionally further substituted on a ring nitrogen atom with ( $\text{C}_1\text{-C}_6$  alkyl)  $\text{C(=O)}$ ,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_2\text{-C}_6$  alkenyl,  $\text{C}_2\text{-C}_{10}$  alkynyl, or benzyl.

**Claims 33 and 34 (canceled).**

**Claim 35 (currently amended).** A compound selected from the group consisting of:

- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;
- 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;
- 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methylbenzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 6-(4-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 6-(4-Dimethylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;



- 8-Methyl-5,7-dioxo-6-pyridin-3-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxybenzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxybenzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxybenzylamide;
- 6-(3-Methoxybenzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxybenzylamide;
- 6-(3-Methoxybenzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 6-Benzo[1,3]dioxol-5-ylmethyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid 4-methoxybenzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methylsulfanylbenzylamide;
- 6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;
- 6-Benzyl-8-mentyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;
- 6-Benzyl-8-mentyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxybenzylamide;

- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(4-Pyridylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;
- 6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;
- 6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(3,4-Dichlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;
- 6-Benzyl-2-(3-phenyl-propionyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-2-(hydroxy-phenyl-methyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid biphenyl-4-ylamide;
- 6-Benzyl-2-(1-hydroxy-3-phenyl-propyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;
- ~~2,3-Dihydroxypropionic acid benzyl ester;~~
- ~~2,2-Dioxo-2<sup>6</sup>-[1,2]oxathiolane-4-carboxylic acid benzyl ester;~~
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;

- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester hydrochloride;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester hydrochloride;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;
- 6-Benzyl-1,5,7-trioxo-1,2,3,5,6,7-hexahydro-114-thiazolo[3,2-c]pyrimidine-3-carboxylic acid benzyl ester;
- ~~6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;~~
- ~~6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;~~
- ~~6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;~~
- ~~6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~
- ~~6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;~~
- ~~6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;~~
- ~~6-Benzyl-8-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;~~
- ~~6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;~~
- ~~6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid benzylamide;~~

~~6-Benzyl 1,8-dimethyl 5,7-dioxo 1,5,6,7-tetrahydro-imidazo[1,2-  
e]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~  
~~6-Benzyl 1,8-dimethyl 5,7-dioxo 1,5,6,7-tetrahydro-imidazo[1,2-  
e]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester;~~  
~~6-Benzyl 1-methyl 5,7-dioxo 1,5,6,7-tetrahydro-imidazo[1,2-  
e]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;~~  
~~6-(4-Methoxy-benzyl)-1-methyl 5,7-dioxo 1,5,6,7-tetrahydro-  
imidazo[1,2-e]pyrimidine-2-carboxylic acid 4-methoxy-  
benzylamide;~~  
~~6-(4-Methoxy-benzyl)-1,8-dimethyl 5,7-dioxo 1,5,6,7-tetrahydro-  
imidazo[1,2-e]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-  
amide; and~~  
~~6-Benzyl 3-ethoxy-2,3-dihydro-oxazolo[3,2-e]pyrimidine-5,7-dione.~~

**Claims 36 and 37 (canceled).**

**Claim 38 (original).** A pharmaceutical composition comprising a compound of Claim 32 together with a pharmaceutically acceptable carrier, diluent, or excipient.

**Claims 39 to 42 (canceled).**

**Claim 43 (currently amended).** A method for treating osteoarthritis comprising administering to a patient having cancer and in need of treatment an anticancer effective amount of a compound of ~~Claim 30~~ Claim 32.

**Claim 44 (currently amended).** A method for treating rheumatoid arthritis comprising administering to a patient having cancer and in need of treatment an anticancer effective amount of a compound of ~~Claim 30~~ Claim 32.